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122903
02570 US PTO

UTILITY

PATENT APPLICATION
TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. 2780-199 DIV 3

First Inventor KOPF, Henry B.

Title METHOD AND APPARATUS FOR
SEPARATION OF MILK, COLOSTRUM,
AND WHEY

Express Mail Label No. EV387840931US

U.S.P.T.O.

22154 10/17/4773

122903

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)2. Applicant claims small entity status.
See 37 CFR 1.27.3. Specification [Total Pages 55]

(preferred arrangement set forth below)

- Descriptive title of the invention
- Cross Reference to Related Applications
- Statement Regarding Fed sponsored R & D
- Reference to sequence listing, a table, or a computer program listing appendix
- Background of the Invention
- Brief Summary of the Invention
- Brief Description of the Drawings (if filed)
- Detailed Description
- Claim(s)
- Abstract of the Disclosure

4. Drawing(s) (35 U.S.C. 113) [Total Sheets 14]

5. Oath or Declaration [Total Sheets 2]

a. Newly executed (original or copy)b. Copy from a prior application (37 CFR 1.63 (d))
(for continuation/divisional with Box 18 completed)i. DELETION OF INVENTOR(S)
Signed statement attached deleting inventor(s)
name in the prior application, see 37 CFR
1.63(d)(2) and 1.33(b).6. Application Data Sheet. See 37 CFR 1.76

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76:

 Continuation Divisional Continuation-in-part (CIP)

of prior application No.: 09/950,096

Prior application information: Examiner Wong, Leslie A.

Art Unit: 1761

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

 Customer Number:

23448

OR

 Correspondence address below

Name Intellectual Property Technology Law

Address

City

Country USA

State

Zip Code

Telephone (919) 419-9350

Fax (919) 419-9354

Name (Print/type) Steven J. Hultquist

Registration No. (Attorney/Agent)

28021

Signature

Date 12/29/2003

This collection of information is required by 37 CFR 1.53(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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025/0 U.S.PTO 122903

FEE TRANSMITTAL for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

 Applicant Claims small entity status. See 37 CFR 1.27**TOTAL AMOUNT OF PAYMENT** **(\$ 428.00)****Complete if Known**

Application Number	Unassigned
Filing Date	December 29, 2003
First Named Inventor	KOPF, Henry B.
Examiner Name	Unassigned
Art Unit	Unassigned
Attorney Docket No.	2780-199 DIV 3

METHOD OF PAYMENT (check all that apply) Check Credit card Money Order Other None Deposit Account

Deposit Account Number	083284
Deposit Account Name	Intellectual Property Technology Law

The Director is authorized to: (check all that apply)

 Charge fee(s) indicated below Credit any overpayments Charge any additional fee(s) or any underpayment of fee(s) Charge fee(s) indicated below, except for the filing fee

to the above-identified deposit account.

FEE CALCULATION (continued)**3. ADDITIONAL FEES****Large Entity** **Small Entity**

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
1051	130	2051	65	Surcharge - late filing fee or oath	
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	
1053	130	1053	130	Non-English specification	
1812	2,520	1812	2,520	For filing a request for ex parte reexamination	
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	

1251 110 2251 55 Extension for reply within first month

1252 420 2252 210 Extension for reply within second month

1253 950 2253 475 Extension for reply within third month

1254 1,480 2254 740 Extension for reply within fourth month

1255 2,010 2255 1,005 Extension for reply within fifth month

1401 330 2401 165 Notice of Appeal

1402 330 2402 165 Filing a brief in support of an appeal

1403 290 2403 145 Request for oral hearing

1451 1,510 1451 1,510 Petition to institute a public use proceeding

1452 110 2452 55 Petition to revive - unavoidable

1453 1,330 2453 665 Petition to revive - unintentional

1501 1,330 2501 665 Utility issue fee (or reissue)

1502 480 2502 240 Design issue fee

1503 640 2503 320 Plant issue fee

1460 130 1460 130 Petitions to the Commissioner

1807 50 1807 50 Processing fee under 37 CFR 1.17(q)

1806 180 1806 180 Submission of Information Disclosure Stmt

8021 40 8021 40 Recording each patent assignment per property (times number of properties)

1809 770 2809 385 Filing a submission after final rejection (37 CFR 1.129(a))

1810 770 2810 385 For each additional invention to be examined (37 CFR 1.129(b))

1801 770 2801 385 Request for Continued Examination (RCE)

1802 900 1802 900 Request for expedited examination of a design application

Other fee (specify) _____

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) **(\$)****1. BASIC FILING FEE****Large Entity** **Small Entity**

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
1001	770	2001	385	Utility filing fee	385.00
1002	340	2002	170	Design filing fee	
1003	530	2003	265	Plant filing fee	
1004	770	2004	385	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	

SUBTOTAL (1) (\$ 385.00)**2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE****Large Entity** **Small Entity**

		Fee from below	Fee Paid
Total Claims	4	-20**=	
Independent Claims	4	- 3**=	43

Multiple Dependent

Large Entity **Small Entity**

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description
1202	18	2202	9	Claims in excess of 20
1201	86	2201	43	Independent claims in excess of 3
1203	290	2203	145	Multiple dependent claim, if not paid
1204	86	2204	43	**Reissue independent claims over original patent
1205	18	2205	9	**Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$43.00)

** or number previously paid, if greater; For Reissues, see above

SUBMITTED BY**Complete if applicable**

Name (Print/Type)	Steven J. Hultquist	Registration No. (Attorney/Agent)	28021	Telephone	(919) 419-9350
Signature				Date	12/29/2003

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

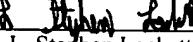
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re United States Patent Application of:)	Docket No.:	2780-199 DIV 3
Applicant:)	Examiner:	Unassigned
Application No.:)	Art Group:	Unassigned
Date Filed:)	Confirm. No.:	Unassigned
Title:)	Customer No.:	
METHOD AND APPARATUS FOR SEPARATION OF MILK, COLOSTRUM, AND WHEY			

23448

EXPRESS MAIL CERTIFICATE

I hereby certify that I am mailing the attached documents to the Commissioner for Patents on the date specified, in an envelope addressed to the Mail Stop Patent Application, Commissioner for Patents, PO Box 1450, Alexandria, VA 22313-1450, and Express Mailed under the provisions of 37 CFR 1.10.


L. Stephen Lockett

December 29, 2003

Date

EV387840931US

Express Mail Label Number

**RESPONSE TO DECEMBER 8, 2003 OFFICE ACTION
IN UNITED STATES PATENT APPLICATION NO. 09/950,096**

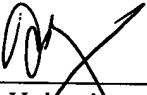
Mail Stop Patent Application
Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

Sir:

Enclosed is a new U.S. Divisional Patent Application claiming priority under the provisions of 35 U.S.C. §120 from U.S. Patent Application No. 09/950,096 filed September 10, 2001.

Further enclosed are a transmittal letter, a fee transmittal form, a Declaration and Power of Attorney document, and a credit card payment form authorizing payment to the Commissioner of Patents.

Respectfully submitted,



Steven J. Hultquist
Reg. No. 28,021
Attorney for Applicants

INTELLECTUAL PROPERTY/
TECHNOLOGY LAW
Phone: (919) 419-9350
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Attorney File No.: 2780-199 DIV 3